

FAAH Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP17046b**Specification****FAAH Antibody (C-term) Blocking Peptide -
Product Information**Primary Accession [O00519](#)**FAAH Antibody (C-term) Blocking Peptide -
Additional Information**

Gene ID 2166

Other NamesFatty-acid amide hydrolase 1, Anandamide
amidohydrolase 1, Oleamide hydrolase 1,
FAAH, FAAH1**Format**Peptides are lyophilized in a solid powder
format. Peptides can be reconstituted in
solution using the appropriate buffer as
needed.**Storage**Maintain refrigerated at 2-8°C for up to 6
months. For long term storage store at
-20°C.**Precautions**This product is for research use only. Not
for use in diagnostic or therapeutic
procedures.**FAAH Antibody (C-term) Blocking Peptide -
Protein Information**

Name FAAH

Synonyms FAAH1

FunctionCatalyzes the hydrolysis of endogenous
amidated lipids like the sleep-inducing lipid
oleamide ((9Z)-octadecenamide), the
endocannabinoid anandamide
(N-(5Z,8Z,11Z,14Z-eicosatetraenoyl)-
ethanolamine), as well as other fatty
amides, to their corresponding fatty acids,**FAAH Antibody (C-term) Blocking Peptide
- Background**This gene encodes a protein that is
responsible for the hydrolysis of a number of
primary and secondary fatty acid
amides, including the neuromodulatory
compounds anandamide and oleamide.**FAAH Antibody (C-term) Blocking Peptide
- References**Bailey, S.D., et al. Diabetes Care
33(10):2250-2253(2010)de Luis, D.A., et al.
Metab. Clin. Exp. (2010) In press :Monteleone,
P., et al. J Clin Psychopharmacol
30(4):441-445(2010)Taylor, A.H., et al.
Histochem. Cell Biol.
133(5):557-565(2010)Thors, L., et al. PLoS ONE
5 (8), E12275 (2010) :

thereby regulating the signaling functions of these molecules (PubMed:9122178, PubMed:17015445, PubMed:19926788). Hydrolyzes polyunsaturated substrate anandamide preferentially as compared to monounsaturated substrates (PubMed:9122178, PubMed:17015445). It can also catalyze the hydrolysis of the endocannabinoid 2-arachidonoylglycerol (2-(5Z,8Z,11Z,14Z-eicosatetraenoyl)-glycerol) (PubMed:21049984). FAAH cooperates with PM20D1 in the hydrolysis of amino acid-conjugated fatty acids such as N-fatty acyl glycine and N-fatty acyl-L-serine, thereby acting as a physiological regulator of specific subsets of intracellular, but not of extracellular, N-fatty acyl amino acids (By similarity).

Cellular Location

Endomembrane system; Single-pass membrane protein. Cytoplasm, cytoskeleton. Note=Seems to be attached to intracellular membranes and a portion of the cytoskeletal network

Tissue Location

Highly expressed in the brain, small intestine, pancreas, skeletal muscle and testis. Also expressed in the kidney, liver, lung, placenta and prostate.

FAAH Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)